ABSTRACT OF THE DISCLOSURE

A non-reproducible three-dimensional model is shown on a first window and a third-dimensional model which has a part to be deleted or modified is shown on a second window. A difference between shape data and reference data of a part which is non-reproducible among the components of the immediately preceding three-dimensional model and shape data and reference data of the part in data about the non-reproducible three-dimensional model is determined, and data missing from the shape and reference data of the non-reproducible part 13 is extracted. The extracted data is shown as character information indicating the cause of non-reproducibility on a third window. Thus, the cause of non-reproducibility is shown on the screen, so that a person not skilled can complete the operation to re-create a three-dimensional model in a short time and efficiency of the operation can be improved.